ENCLOSURE 4

TABLE E4-1
Notice of Hazardous Substance Storage, Release, or Disposal
(Note: Actual quantities of hazardous substances stored are not known at this property. For the purpose of this FOST it was assumed the amounts stored were greater than the reportable quantities. The type of materials stored are reported based upon the historical use of the property.)

Building/Structure Number	Name of Hazardous Substances	Date of Storage, Release, or Disposal	Remedial Actions
Area 1 – Entire Site (T-43 and T-25)	Paint	The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	None.
Area 2 – Marine Railway/Skidway/Storage Sheds (T-1, S-100,S-101)	Flammable materials – Paint Sandblast material	The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	Remedial actions included excavation of contaminated soil. Confirmatory soil samples indicated no metal or organic contaminants above EPA Region IX PRGs except for a single sample. The risk assessment determined that the isolated detection of the contaminants did not pose a significant human health or ecological risk.
Area 3 – Incinerator (T-15)	Incinerator wastes (types of waste are not known)	The incinerator was operated until 1967. The type of material burned in the incinerator is not known. The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	Remedial activities consisted of removing the incinerator, triple rinsing it, and disposing of it off site. Activities also included excavation of less than 50 yd^3 of soil beneath the incinerator footprint. Confirmation samples indicated no metal or organic contaminants above EPA Region IX PRGs.

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Building/Structure Number	Name of Hazardous Substances	Date of Storage, Release, or Disposal	Remedial Actions
Area 4 – Battery Shop (T-7)	Acids (Batteries)	Releases of battery acid occurred during the operation of the facility. The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	Remedial activities consisted of removal of an acid pit, excavation of soil, removal of pipelines, and removal of the floor of the building. Results of soil confirmation sampling indicated no constituent concentrations above EPA Region IX PRGs except for nickel and arsenic. The risk assessment indicated the concentrations of nickel and arsenic would not pose a significant risk to human health or the environment.
Area 5 – Paint Refinishing Area (west of T-5 and T-6 and northwest of T-2)	Paint	Painting operations were conducted in this area. The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	No remedial action was required. Metals were detected below EPA Region IX PRGs with the exception of arsenic, which was near background concentrations. The risk assessment indicated the presence of arsenic does not pose a significant threat to human health or the environment.
Area 6 – Hazardous Waste Storage Area (T-22)	Unknown hazardous substances	This area was used as a hazardous waste collection area. The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	Soil within Area 6 was removed to a depth of 3 feet. Confirmation soil samples were collected and detected only TPH in a single sample. Soil leaching tests performed on this sample indicated there was no threat of contaminants leaching into groundwater.
Area 7 – Equipment Wash Area	Unknown cleaning compounds	This area was used for washing equipment. The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	Remedial actions included soil excavation and the collection of confirmation soil samples. No contaminants were detected above EPA Region IX PRGs. Levels of TPH detected were below the risk-based screening criteria.

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Building/Structure Number	Name of Hazardous Substances	Date of Storage, Release, or Disposal	Remedial Actions
Area 13 – Open Storage Areas, Paint Lockers, and Transformer Pads (Locker B)	Paint	The date and quantities of material stored, released, or disposed are not known. For the purposes of this FOST, the amount stored is assumed to be greater than the reportable quantity. The type of material stored is based upon historical use of the site.	Locker B was removed from the site.

* The information contained in this notice is required under the authority of regulations promulgated under section 120(h) of the Comprehensive Environmental Response, Liability, and Compensation Act (CERCLA or 'Superfund') 42 U.S.C. section 9620(h). This table provides information on the storage of hazardous substances for one year or more in quantities greater than or equal to 1000 kilograms or the hazardous substance's CERCLA reportable quantity (whichever is greater). In addition, it provides information on the known release of hazardous substances in quantities greater than or equal to the substances' CERCLA reportable quantity. See 40 CFR Part 373.

TABLE E4-2
Notice of Petroleum Product Storage, Release, or Disposal

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
Area 1 – Entire Site	Gasoline	A 100-gallon UST was identified by the USACE adjacent to Building 12. The UST was used to store gasoline for operating a water pump engine at Building 12.	The 100-gallon UST was removed by the USACE, Sacramento District in October 1996. The UST received a closure letter from the Solano County Department of Environmental Management in December 1996.
Area 2 – Marine Railway/Skidway/ Storage Sheds	Petroleum hydrocarbons	The date and quantities of material stored, released, or disposed are not known.	Remedial actions included excavation of contaminated soil. Confirmatory soil samples indicated no metal or organic contaminants above PRGs except for a single sample. The risk assessment determined that the isolated detection of the contaminants did not pose a significant human health or ecological risk.
Area 6 – Hazardous Waste Storage Area	Petroleum hydrocarbons	TPHs were detected in soil within the footprint of the former containment unit and benzo(a)pyrene was detected above its PRG in one soil sample collected during the Supplemental RI conducted by ARCADIS G&M in 2001.TPH-mo was detected in soil within the Area 6 excavations in 2001.	The containment unit was removed. Surface soil located within the footprint of the former containment area was excavated to a depth of 3 feet bgs.
Area 7 – Equipment Wash Area	Petroleum hydrocarbons	Diesel-range alkanes were detected in soil gas samples collected from the site during the comprehensive SI.	Approximately 750 yd^3 of soil were removed from Area 7.
Area 8 – Fuel Line/Underground Storage Tanks	Gasoline	One 1,000-gallon UST (B-T-44) located north of Building T-44 was associated with the onsite filling station, T-33. The tank was reported to contain gasoline.	UST B-T-44 was removed in 1992. Confirmation samples collected from the east and west ends of the excavation detected 7,840 ppm of petroleum hydrocarbons in the soil and the site was reportedly remediated by the Navy Department of Public Works in January 1995 (W-C, 1997). One soil boring was drilled southeast of the former UST during the RI conducted by ARCADIS G&M and completed as a monitoring well (MW08-03). The soil and groundwater samples from this boring were analyzed for TPH-E, TPH-P, and VOCs. VOCs and TPH constituents were not detected in the soil. TPH constituents were not detected in the groundwater and VOCs were detected below WQGs. The UST was approved for NFA by the RWQCB in January 2000.

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Area 8 – Fuel Line/Underground Storage Tanks	Gasoline and Diesel	In 1997, soil in the area of a valve box associated with the duel fuel line at the site was excavated by the Army in to a depth ranging between 7 and 10 feet bgs. TPH-d, TPH-g, and BTEX were detected in one sample collected at 10 feet bgs in the bottom of the excavation.	An additional excavation was conducted within the boundaries of the previous excavation to depths ranging from 7 to 18 feet in 1998. Residual concentrations of TPH were left in the soil; however, the soil could not be removed due to the close proximity to Building T-27.
Area 9 - Sumps and Wash Pads	Petroleum hydrocarbons	The Wash Pad at Building T-38 was investigated by ARCADIS G&M in 2001. The sump associated with the Wash Pad drained to a series of three manholes and then to a dry well. The soil sampled from the dry well detected TPH-mo in the soil at a depth of 8 feet bgs.	Approximately 8 ft^3 of sediment were removed from the former Wash Pad T-38. A total of 600 gallons of oil water and rinsate were removed from three manholes associated with the Wash Pad. Approximately 7 yd^3 of material were disposed at an offsite facility and monitoring well, MW09-04, installed east of Wash Pad T-38 and downgradient of the former dry well. The confirmation groundwater sample collected from the well did not indicate impacts to groundwater quality; the organic constituents were detected below WQGs.
Area 10 – Storm Sewer System	Petroleum hydrocarbons	The date and quantities of material stored, released, or disposed are not known.	Sediment and soil were removed from the storm drain inlets and the inlets were cleaned.
Area 12 – Waste Oil/Petroleum, Oil Lubricant Trench (POL Trench)	Used engine oil and transmission oil	Using information provided by a former employee, the Army conducted an investigation of Area 12 in 1996 to determine the location of a 600-foot-long trench which was thought to have been used to dispose used engine and transmission oil. A dark layer of asphalt material (assumed to be weathered petroleum) was observed in the southernmost trench; three 50-foot long trenches were excavated at an angle perpendicular to the suspected trench area. Concentrations of TPH detected in the trench were similar to the concentrations of naturally occurring organic material.	A trench was dug and an L-shaped excavation was completed in an attempt to locate asphalt material identified during a site investigation conducted by the Army. The site investigation was conducted to identify the location of a 600-foot-long trench suspected of disposing used engine and transmission oil. The location of the asphalt material could not be confirmed. Soil confirmation samples were collected from the excavation. Metals and organic constituents were not detected above PRGs.

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Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
Area 13 – Open Storage Areas, Paint Lockers, and Transformer Pads	Petroleum, oil, lubricants, and transformer oil	The electrical substations were vandalized, and spills of the transformer contents were observed on the ground surface during the EBS conducted by W-C. Locker A was used for the storage of petroleum, oil, and lubricants.	In 1997, soil was excavated from the footprint of the transformer pads, S-10 and S-21, following their demolition. TPH-d and TPH-mo were detected in confirmation samples following the excavation of soils at S-21. TPH-d was detected in the S-10 excavation. An additional excavation was completed within the same excavation and confirmation samples were analyzed for BTEX, TPH-g, TPH-d, and methyl tertiary butyl ether (MTBE). These analytes were not detected in the confirmation samples. The concrete transformer pads were removed from S-35 and S-51. Locker A was removed from the site.